



PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Docket No: Q68355

Noriaki IKENAGA, et al.

Appln. No.: 10/062,405

Group Art Unit: 1763

Confirmation No.: 4115

Examiner: Anna M. CROWELL

Filed: February 5, 2002

For: **METHOD AND APPARATUS FOR MODIFYING SURFACE OF CONTAINER MADE OF POLYMERIC COMPOUND**

INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. §§ 1.97 and 1.98

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents which are listed on the attached PTO/SB/08 A & B (modified) form and listed herein and which the Examiner may deem material to patentability of the claims of the above-identified application.

- 1) Japanese Patent Publication No. 10-032210, published February 3, 1998; English-language Abstract submitted herewith;
- 2) Japanese-language publication entitled "*Ion Implantation Into Polymer Material*", English-language translation submitted herewith;
- 3) U.S. Patent No. 5,970,366, issued October 19, 1999;
- 4) U.S. Patent No. 5,695,827, issued December 9, 1997; and
- 5) U.S. Patent No. 5,192,697, issued March 9, 1993.

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INFORMATION DISCLOSURE STATEMENT Atty Docket No. Q68355
U.S. Patent Appl'n No. 10/062,405

One copy of each of the listed documents is submitted herewith, except for the following:
U.S. patents and/or U.S. patent publications; and co-pending non-provisional U.S. applications
filed after June 30, 2003.

The present Information Disclosure Statement is being filed (without a Statement Under
37 C.F.R. § 1.97(e)) after the later of three months from the application's filing date, and the
mailing date of the first Office Action on the merits, but before a Final Office Action, Notice of
Allowance, or an action that otherwise closes prosecution in the application (whichever is
earlier), and therefore a check for the fee of \$180.00 under 37 C.F.R. § 1.17(p) is attached.

In compliance with the concise explanation requirement under 37 C.F.R. § 1.98(a)(3) for
foreign language documents, Applicant submits with Japanese Patent Publication No. 10-032210
an English-language Abstract, and with the Japanese-language publication entitled "*Ion
Implantation Into Polymer Material*", and English-language translation.

The submission of the listed documents is not intended as an admission that any such
document constitutes prior art against the claims of the present application. Applicant does not
waive any right to take any action that would be appropriate to antedate or otherwise remove any
listed document as a competent reference against the claims of the present application.

INFORMATION DISCLOSURE STATEMENT Atty Docket No. Q68355
U.S. Patent Appl'n No. 10/062,405

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account.

Respectfully submitted,



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CUSTOMER NUMBER

Date: December 5, 2005

<p>Substitute for Form 1449 A & B/PTO</p> <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p><i>(use as many sheets as necessary)</i></p>		<p>Complete if Known</p>	
		Confirmation Number	4115
		Filing Date	February 05, 2002
		First Named Inventor	Noriaki IKENAGA
		Art Unit	1763
		Examiner Name	Anna M. CROWELL
Sheet	1	of	1
		Attorney Docket Number	

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation ⁶
		Japanese lanuage articed entitled "Ion Implantation Into Polymer Material"	Yes

Examiner Signature _____ **Date Considered** _____

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kind Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or in the comment box of this document. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to indicate here if English language Translation is attached.